

Figure 1 Serological Response of Pigs Vaccinated with a vaccine comprising *L. intracellularis*

*L. intracellularis* Vaccine Trial  
ELISA Serological Results

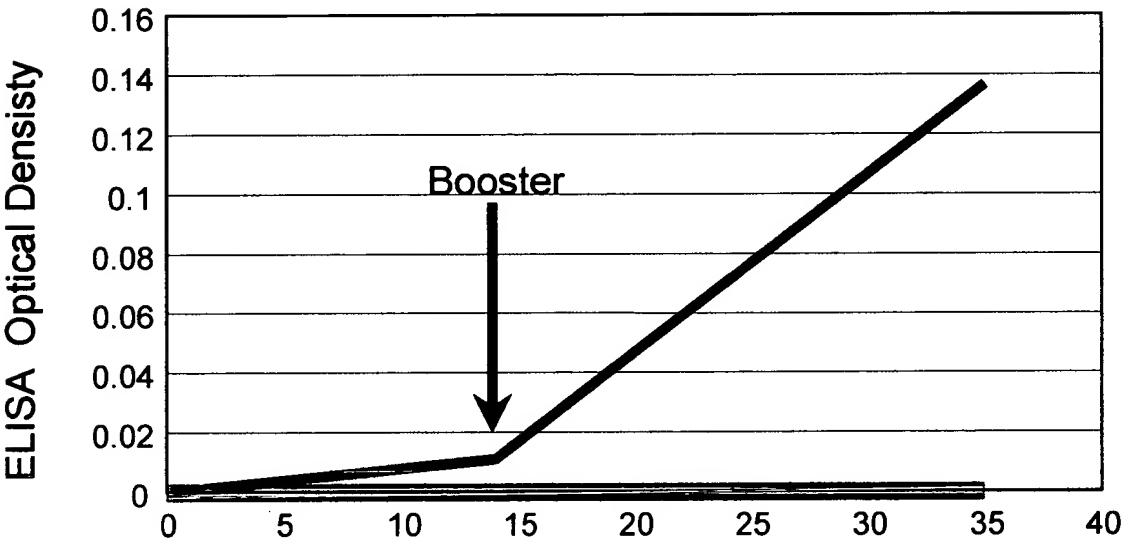
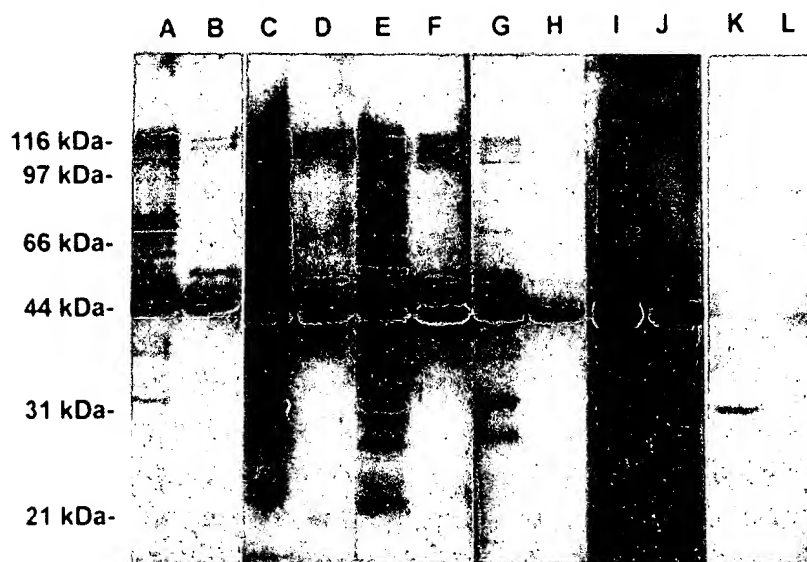
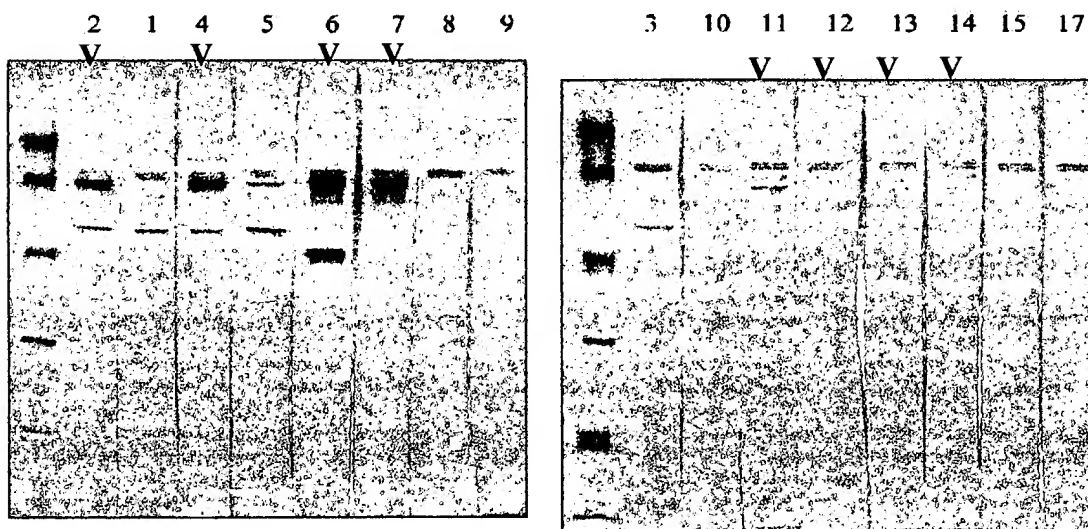


Figure 2 Western blot analysis of sera from convalescent pigs (1/100 dilution) reacted to a gradient purified *L. intracellularis* antigen extract (lanes A, C, E, G, I, K as indicated by a white box at the top of the lane ( Ag ) or to a Henle cell (C)extract (lanes B, D, F, H, J, L).



**Figure 3 Western blot of sera from vaccinated pigs reacted to an extract of *L. intracellularis*.**

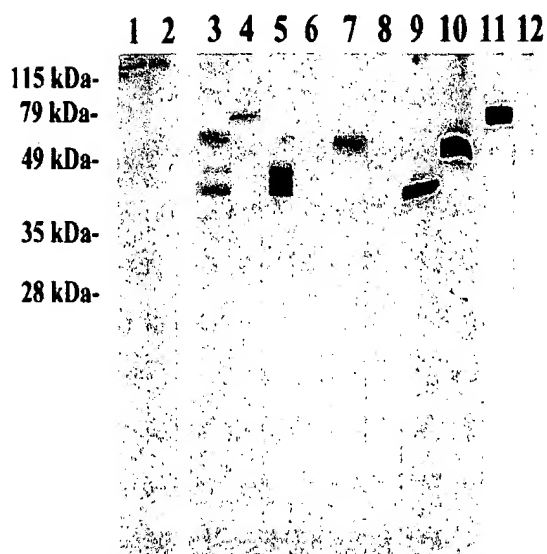
Vaccinates: 2, 4, 6, 7, 11, 12, 13, 14 (V)  
 Controls: 1, 3, 5, 8, 9, 10, 15, 17



**Figure 4** Western blot of monoclonal antibodies reacted with an extract of *L. intracellularis*

Lanes 1,3,5,7,9,11 contain *L. intracellularis* antigen

Lanes 2,4,6,8,10,12 contain Henle cell extracts



Lanes 1 and 2 = 1C2 =  $\geq 115$  kDa  
(Neutralizing)

Lanes 3 and 4 = 2A2 = 41, 43, 60 kDa  
(Neutralizing)

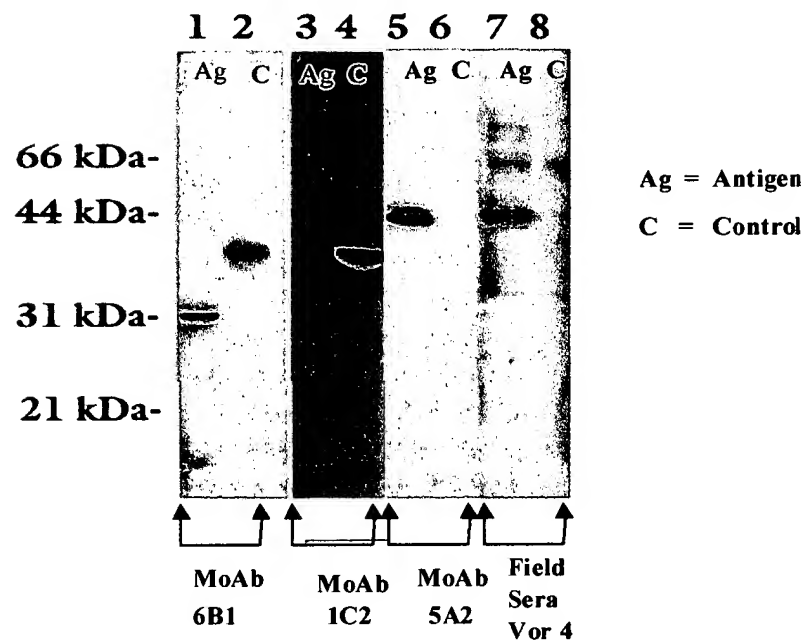
Lanes 5 and 6 = 2B6 = 41-43, 60 kDa

Lanes 7 and 8 = 2C1 = 60 kDa

Lanes 9 and 10 = 3A1 = 41 kDa (Neutralizing)

Lanes 11 and 12 = 3D4 = 71 kDa (Neutralizing)

**Figure 5** Western blot of monoclonal antibodies reacted to an extract of *L. intracellularis* (Antigen)



[illegible]

**Figure 6** Dose-dependent neutralization curve comparing monoclonal antibody 5A2 and Vor 4 with a non-neutralizing monoclonal antibody.

